
VSE-AI 사용설명서

2026 년 06 월 22 일

Contents

1	시스템설정	4
1.1	기기를공장초기화/재시작	4
1.2	시스템정보취리	4
1.3	기본매개변수로설정	4
1.4	버저설정	5
2	장치기능설정	5
2.1	디코딩표시등설정	5
2.2	조준조명설정	6
2.3	광원설정	6
3	트리거설정	8
3.1	연속트리거모드	8
3.2	유도트리거모드	9
3.3	일괄읽기모드	11
3.4	직렬포트트리거모드	11
4	통신인터페이스설정	12
4.1	통신인터페이스전환	12
4.2	USB 통신버전	12
4.3	직렬장치검색	13
4.4	USB-커서출력설정	13
4.5	직렬포트설정	16
5	이미지매개변수설정	17
5.1	자동이미지조정설정	17
5.2	노출시간설정	18
5.3	게인설정	19
6	형식구성	20
6.1	반복시간필터설정	20
6.2	수량필터설정반복	21
6.3	중복된바코드필터설정	23
6.4	중복바코드병합	23
6.5	바코드길이제한지침	23
6.6	블록시작설정	23
6.7	시작설정지정	24
6.8	종료설정지정	24
6.9	설정을포함해야합니다.	24
6.10	설정을포함할수없습니다.	24
6.11	캐릭터요구사항설정	25
6.12	바코드끝구분기호	26
7	코드설정	27
7.1	모든인코딩활성화/비활성화	27
7.2	Code 128 활성화/비활성화	27
7.3	Code 39 활성화/비활성화	27
7.4	코드 93 활성화/비활성화	28
7.5	EAN-8 활성화/비활성화	28

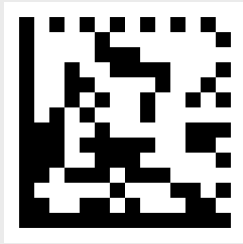
7.6	EAN-13 활성화/비활성화	28
7.7	ITF25 활성화/비활성화	28
7.8	UPC-A 활성화/비활성화	29
7.9	UPC-E 활성화/비활성화	29
7.10	Codabar 활성화/비활성화	29
7.11	QR Code 활성화/비활성화	29
7.12	Data Matrix 활성화/비활성화	30
7.13	마이크로 QR 활성화/비활성화	30
7.14	아즈텍코드활성화/비활성화	30
7.15	MaxiCode 활성화/비활성화	30
7.16	바코드수량	31
7.17	1 차원코드알고리즘작동모드	31
7.18	QR 코드알고리즘작동모드	32
8	총수	32
8.1	ASCII 컴퓨터	32

1 시스템설정

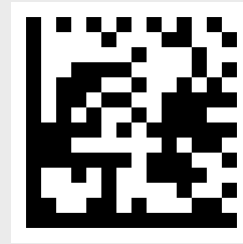
1.1 기기를공장초기화/재시작

⚠ 경고

공장설정을복원하기위해스캔하면현재매개변수가지워지고공장상태가복원됩니다. 다시시작설정을검색하면장치가즉시다시시작됩니다. 계속하기전에현재구성이기록되었는지확인하십시오.

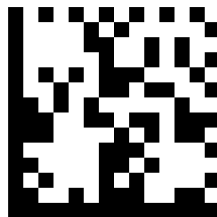


장치를공장설정으로복원



기기재시작설정

1.2 시스템정보취리

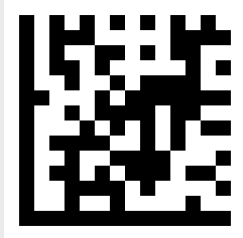


시스템정보취리

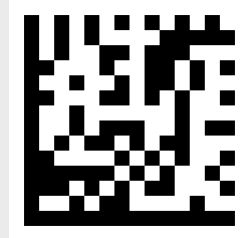
1.3 기본매개변수로설정

⚠ 경고

현재매개변수를스캔하여기본매개변수로변경하면현재구성이기본매개변수에기록됩니다. 기본매개변수를복원하기위해스캔하면저장된기본매개변수가복원됩니다. 계속진행하기전에기본매개변수정책을확인하세요.



현재매개변수를기본매개변수로변경

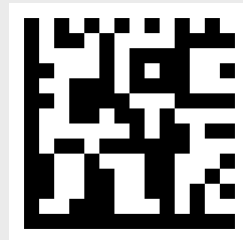


기본매개변수복원

1.4 버저설정



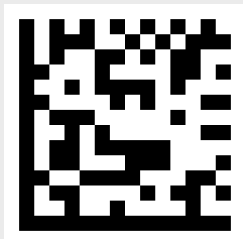
기본값: 디코딩성공프롬프트가켜져있습니다.



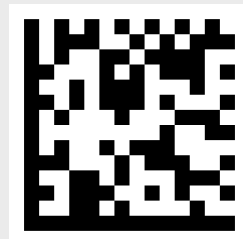
부저비활성화

2 장치기능설정

2.1 디코딩표시등설정



기본값: 디코딩성공프롬프트가켜져있습니다.

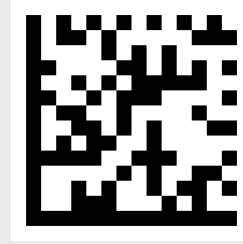


디코딩실패프롬프트가열립니다.

2.2 조준조명설정



기본값: 조준조명켜기

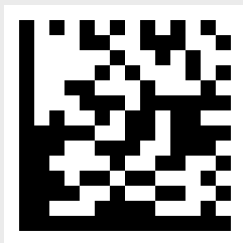


조준등비활성화됨

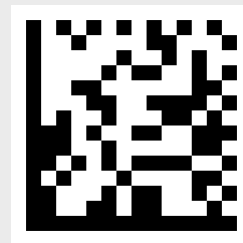


항상조준조명켜짐

2.3 광원설정



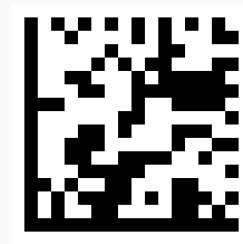
모듈광원비활성화됨



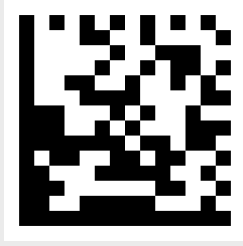
기본값: 모듈광원이켜져있습니다.



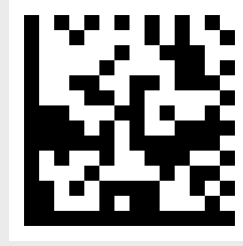
외부광원 1 비활성화됨



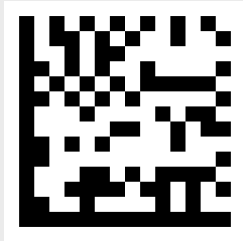
외부광원 1 이켜져있습니다.



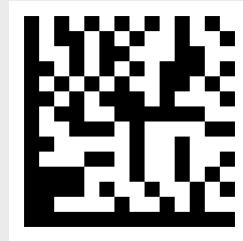
외부광원 2 비활성화됨



외부광원 2 가려져있습니다.



광원전환시간 1500ms



광원전환시간 2000ms



기본값: 광원전환시간 1000ms

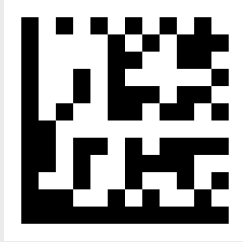


광원전환시간 500ms

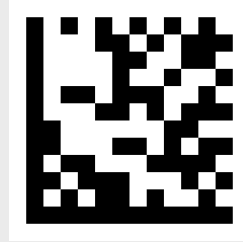
i 참고

고성능버전만외부광원제어를지원합니다.

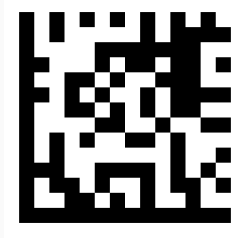
3 트리거설정



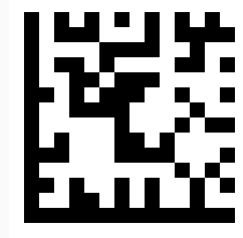
직렬포트트리거모드



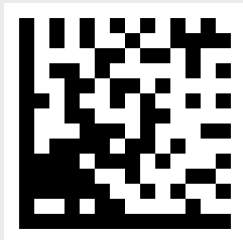
IO 트리거모드



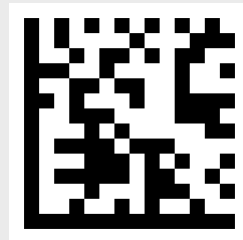
연속읽기모드



기본값: 키트리거모드



일괄읽기모드



자동감지모드

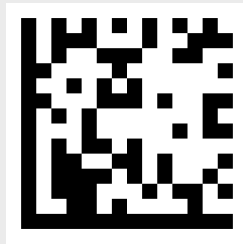
3.1 연속트리거모드

독서간격

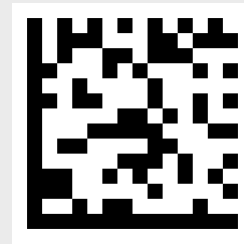


3.2 유도트리거모드

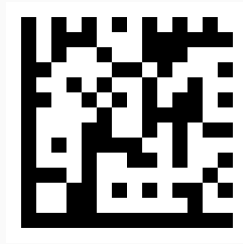
트리거감도



기본값: 중간

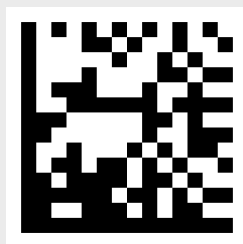


낮은

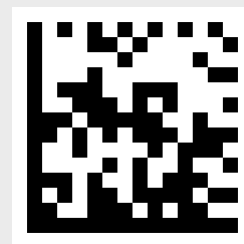


높은

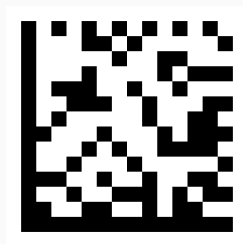
감지간격시간



기본값: 1000ms

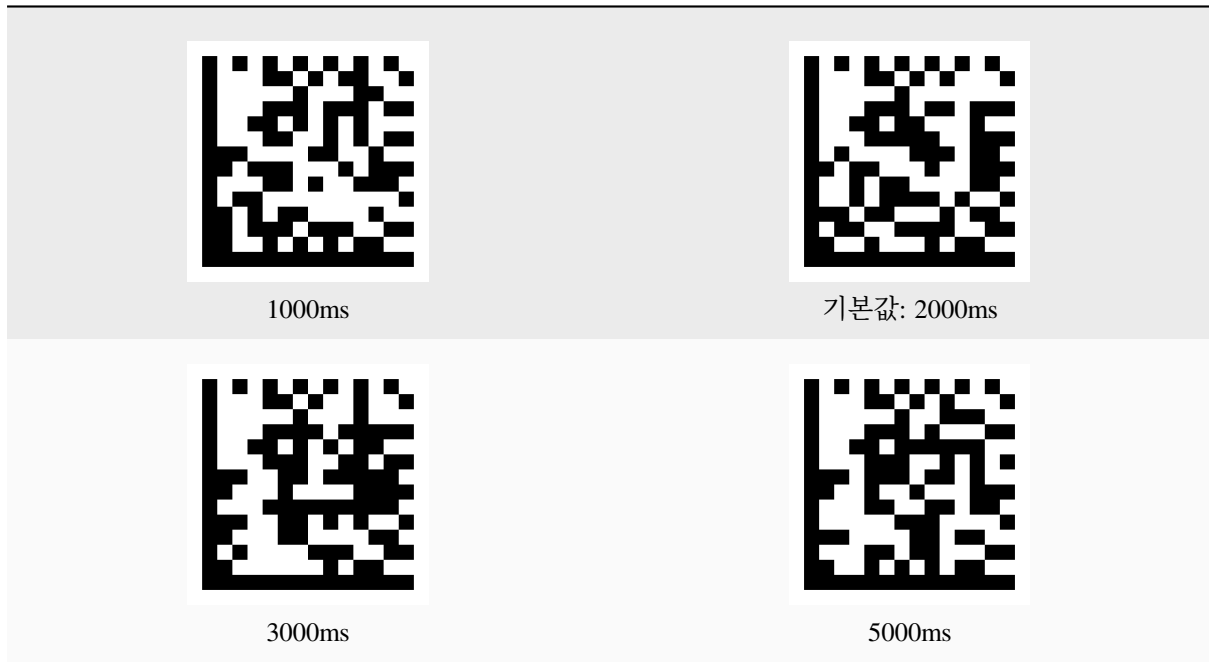


5000ms



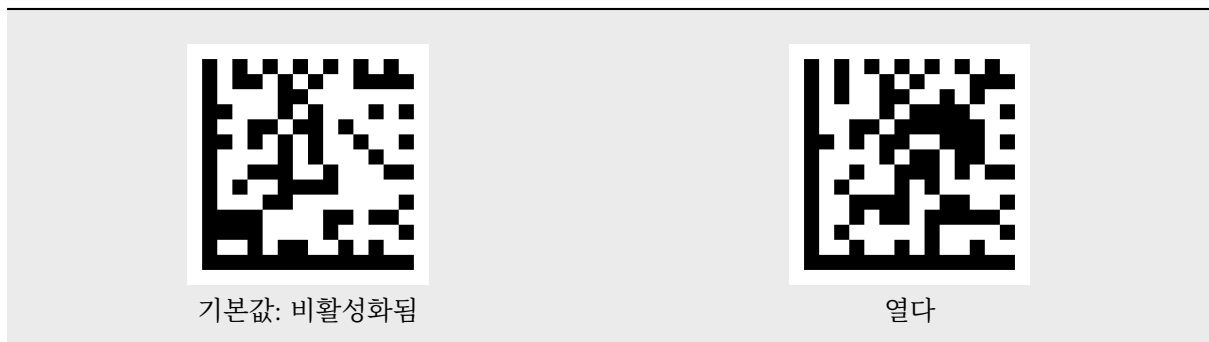
2000ms

감지시간초과



3.3 일괄읽기모드

통합출력



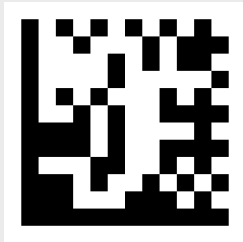
3.4 직렬포트트리거모드

참고

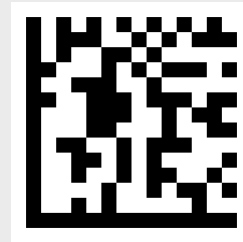
직렬포트트리거시작명령의기본값은 `start` 이고, 트리거종료명령의기본값은 `stop` 입니다. 시작트리거명령을설정하려면 `@SETSSX` 를사용하고, 종료트리거명령을설정하려면 `@SETESX` 를사용합니다. 여기서 `x` 는사용자정의콘텐츠입니다. 예를들어시작명령을 `A` 로설정하고종료명령을 `B` 로설정하면각각 `@SETSSA` 및 `@SETESB` 의설정코드가생성됩니다.

4 통신인터페이스설정

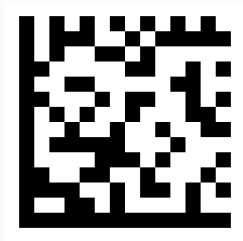
4.1 통신인터페이스전환



직렬통신모드

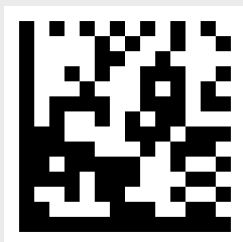


기본값: USB HID 통신모드

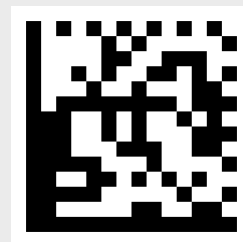


USB CDC 통신모드

4.2 USB 통신버전

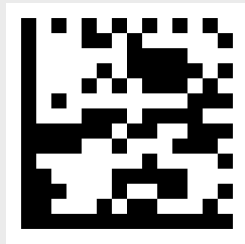


기본값: USB 1.1

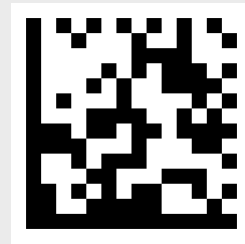


USB 2.0

4.3 직렬장치검색



기본값: 직렬장치는검색에사용되지않습니다.

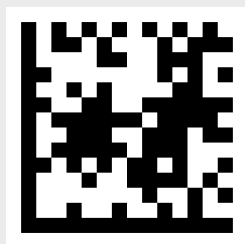


검색에사용되는직렬장치

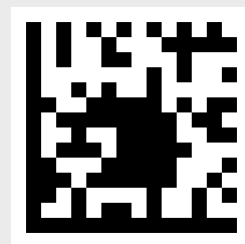
참고

이기능은디버깅을위해직렬포트를통해장치를호스트컴퓨터에연결하는데사용할수있지만이미지를전송할수는없습니다.

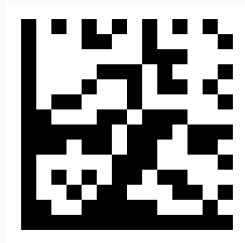
4.4 USB-커서출력설정



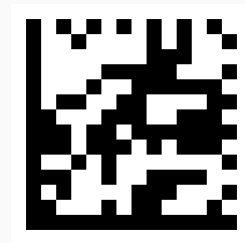
기본값: Caps Lock 무시 (비활성화)



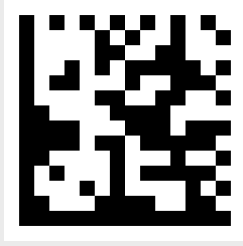
Caps Lock 무시 (열기)



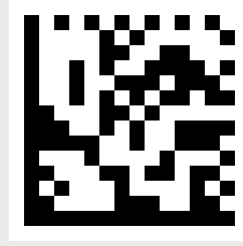
기본값: 문자반전 (비활성화)



문자반전 (켜짐)



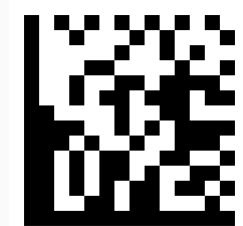
대소문자변환 (소문자)



대소문자변환 (대문자)



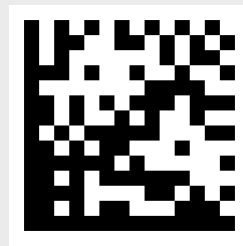
기본값: 대소문자변환 (비활성화)



대소문자변환 (열림)



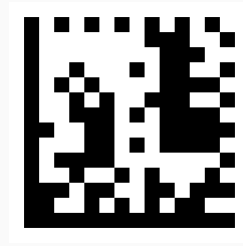
문자간격 100



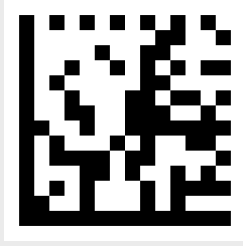
문자간격 50



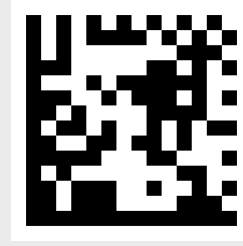
기본값: 문자간격 10



문자간격 0



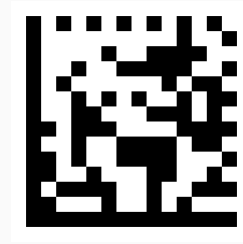
바코드간격 100



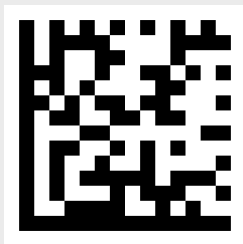
바코드간격 50



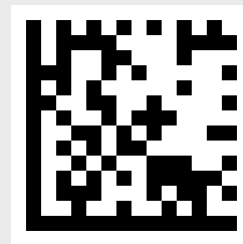
바코드간격 10



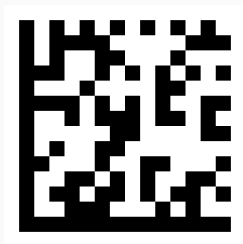
기본값: 바코드간격 0



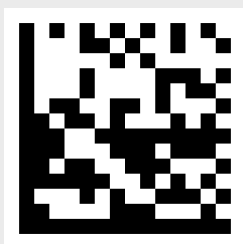
매번전송되는문자수 20



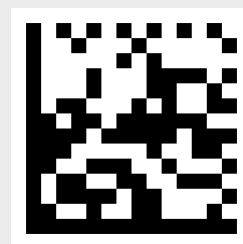
매번전송되는문자수 10



기본값: 매번전송되는문자수 1



기본값: 중국어입력방법무시 (비활성화)



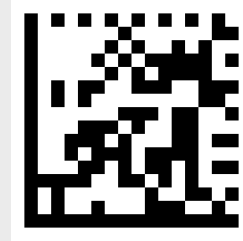
중국어입력방법무시 (활성화)

4.5 직렬포트설정

전송속도설정



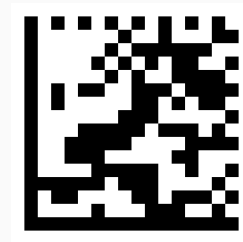
19200



38400



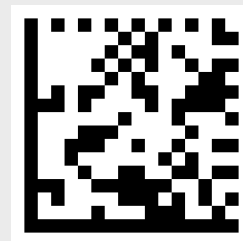
4800



기본값: 9600

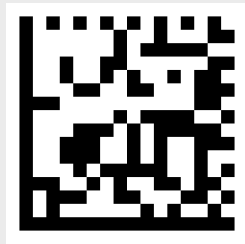


115200

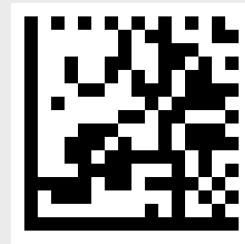


57600

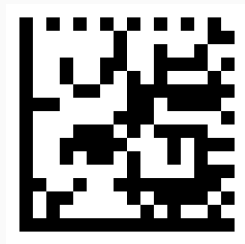
패리티설정



심지어

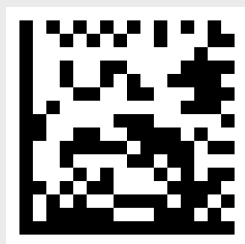


이상한

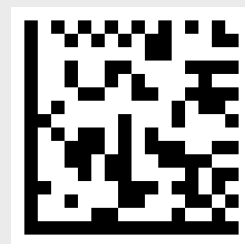


기본값: 없음

정지비트



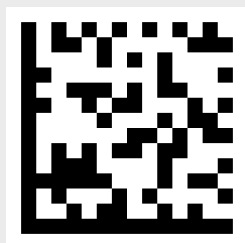
2



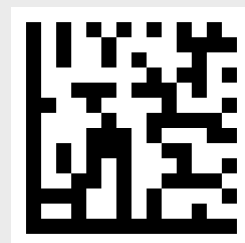
기본값: 1

5 이미지매개변수설정

5.1 자동이미지조정설정



자동이미지조정비활성화

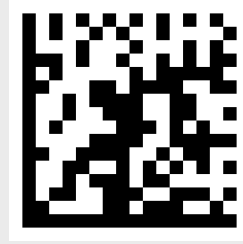


기본값: 자동이미지조정활성화됨

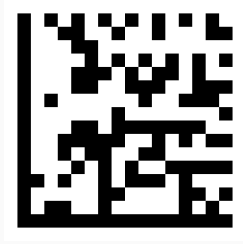
5.2 노출시간설정



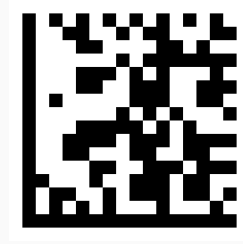
노출시간 1000



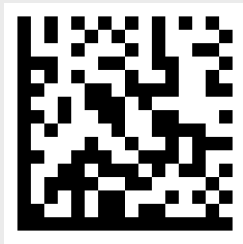
노출시간 3000



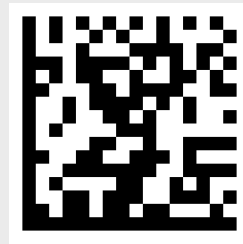
노출시간 500



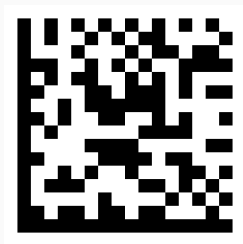
노출시간 100



노출시간 10000



노출시간 6000



노출시간 20000

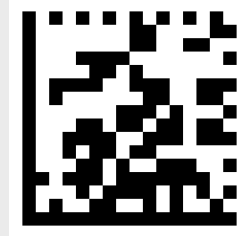
i 참고

우리들단위로

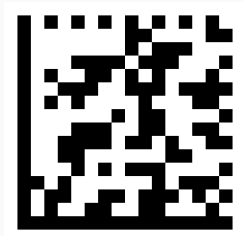
5.3 게인설정



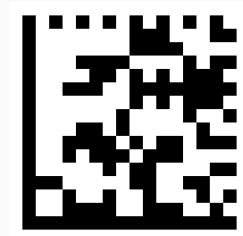
게인 144



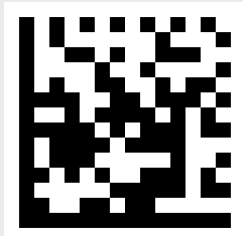
게인 32



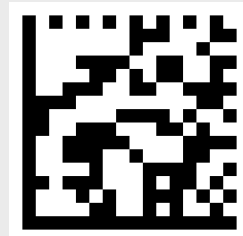
게인 96



게인 1



이득 255



게인 192

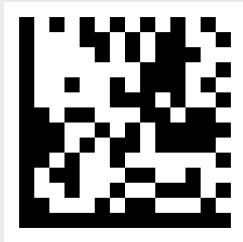
i 참고

노출시간및게인설정은자동이미지조정이꺼진경우에만적용됩니다.

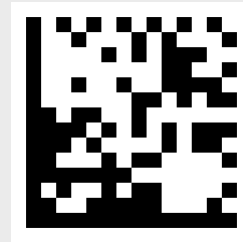
6 형식구성

6.1 반복시간필터설정

반복시간필터링활성화/비활성화

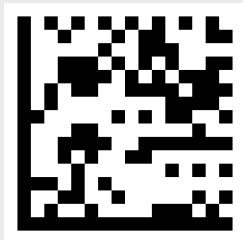


기본값: 비활성화됨

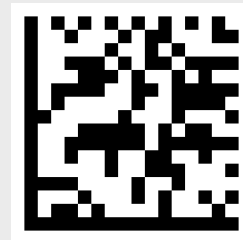


열다

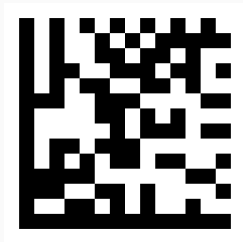
필터시간설정



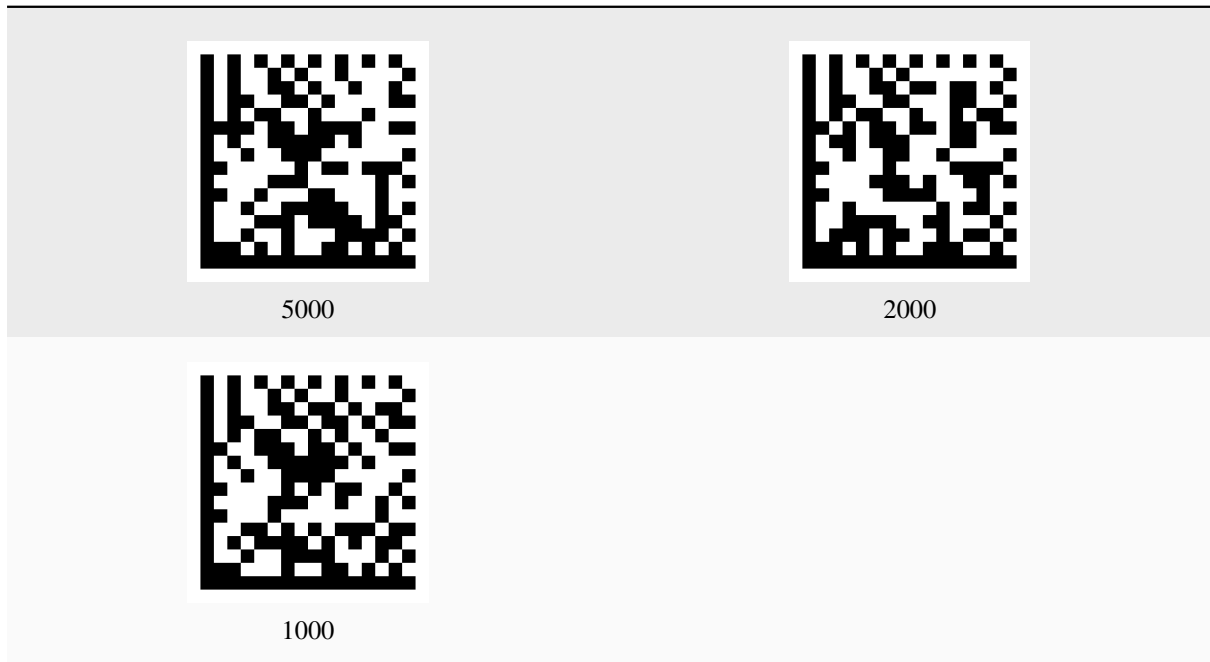
600



300

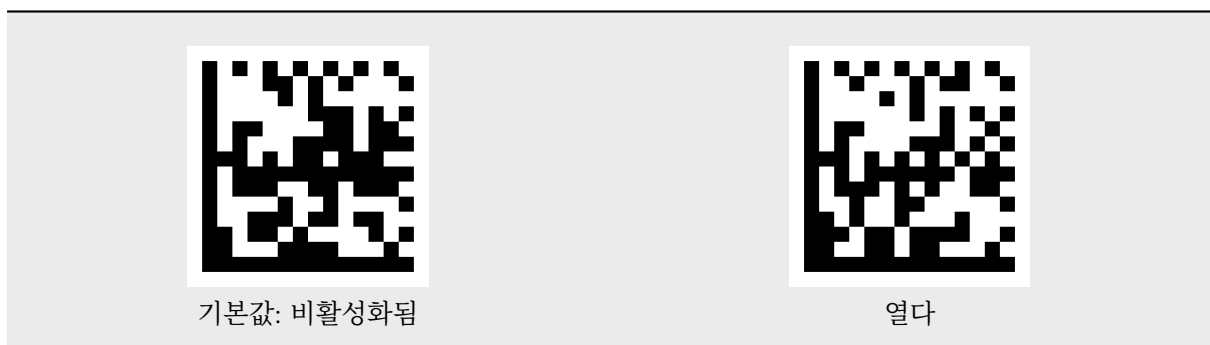


기본값: 30



6.2 수량필터설정반복

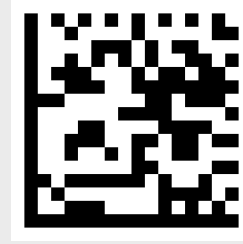
중복카운트필터링활성화/비활성화



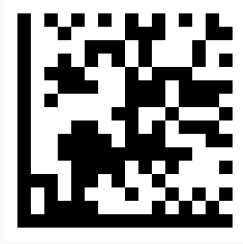
필터번호설정



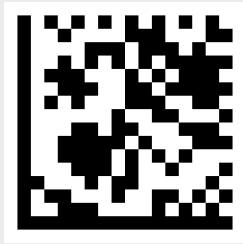
3



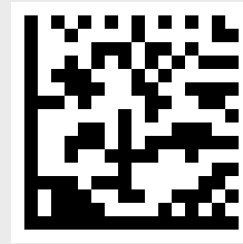
기본값: 1



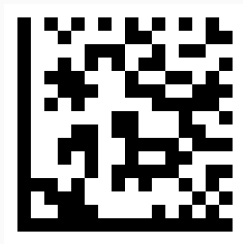
2



6



5

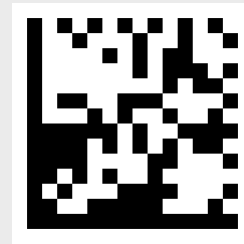


4

6.3 중복된바코드필터설정

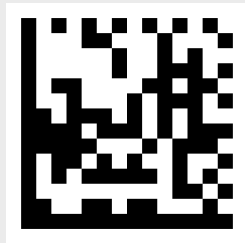


기본값: 비활성화됨

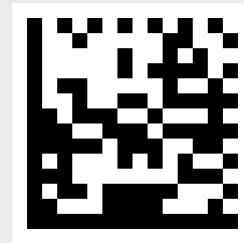


열다

6.4 중복바코드병합

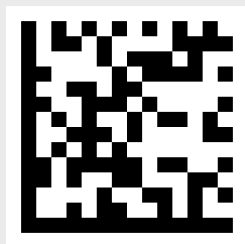


기본값: 비활성화됨

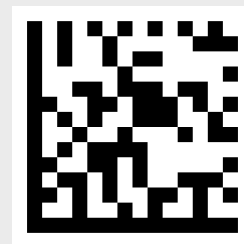


열다

6.5 바코드길이제한지침

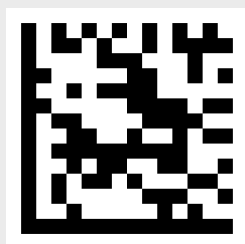


기본값: 비활성화됨

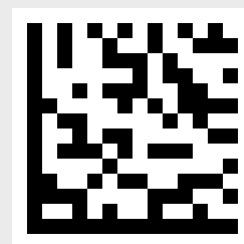


열다

6.6 블록시작설정

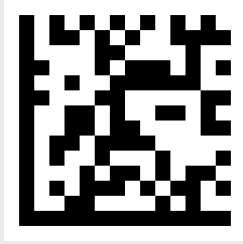


기본값: 비활성화됨

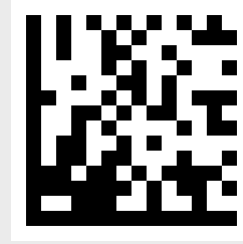


열다

6.7 시작설정지정

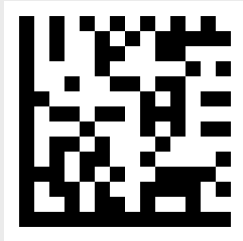


기본값: 비활성화됨

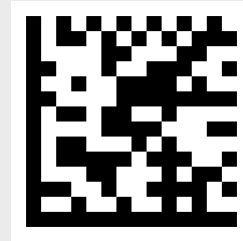


열다

6.8 종료설정지정

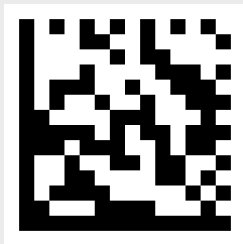


열다

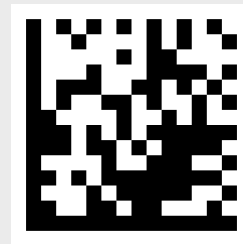


기본값: 비활성화됨

6.9 설정을포함해야합니다.

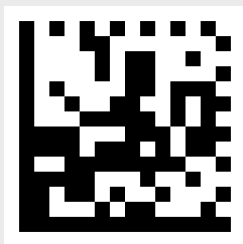


기본값: 비활성화됨다음을포함해야함

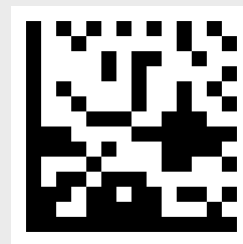


활성화에는다음이포함되어야합니다.

6.10 설정을포함할수없습니다.



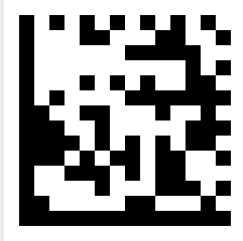
기본값: 비활성화됨



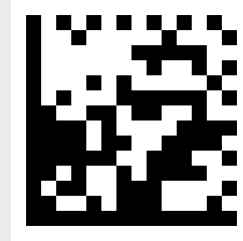
열다

6.11 캐릭터요구사항설정

캐릭터요구사항활성화/비활성화

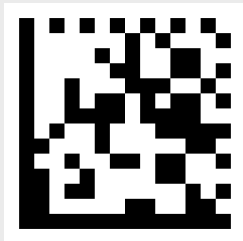


기본값: 비활성화됨

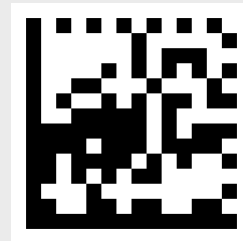


열다

캐릭터요구사항설정



숫자나문자

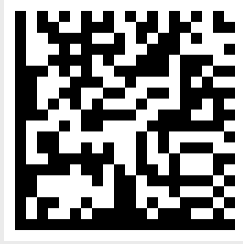


전체글자

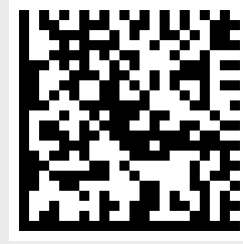


기본값: 모든숫자

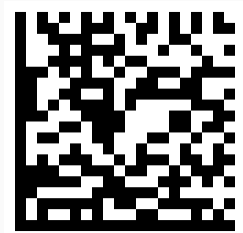
6.12 바코드끝구분기호



/



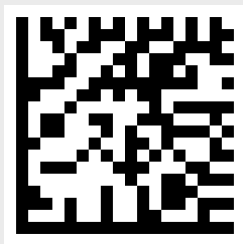
CRLF



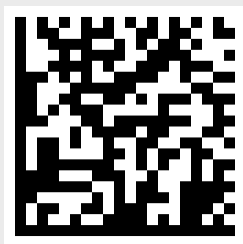
CR



LF



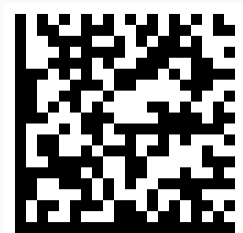
비어있음



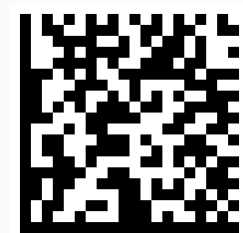
\



Tab



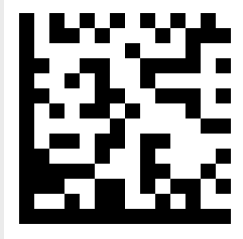
-



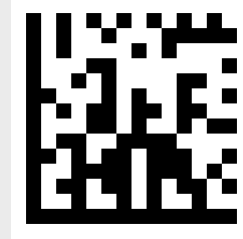
-

7 코드설정

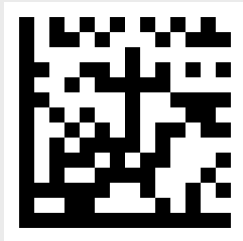
7.1 모든인코딩활성화/비활성화



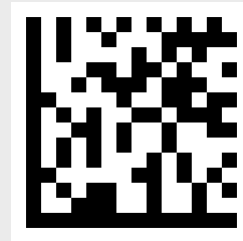
모든 1D 코드비활성화



모든 QR 코드활성화

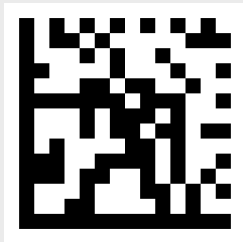


모든 QR 코드비활성화

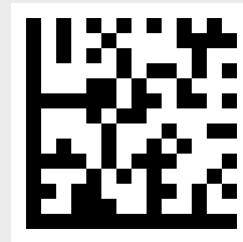


모든 QR 코드활성화

7.2 Code 128 활성화/비활성화

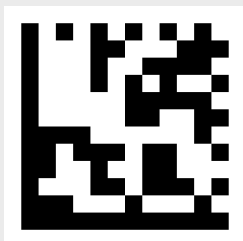


Code 128 비활성화

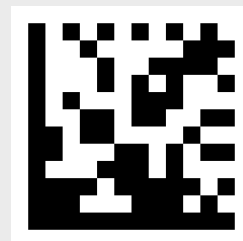


기본값: Code 128 활성화

7.3 Code 39 활성화/비활성화

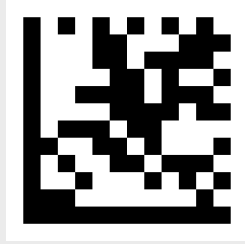


Code 39 비활성화

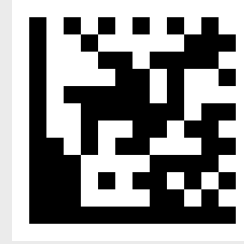


기본값: Code 39 활성화

7.4 코드 93 활성화/비활성화

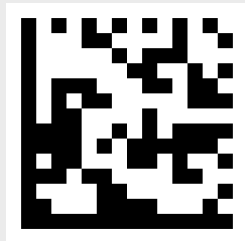


기본값: 코드 93 비활성화됨

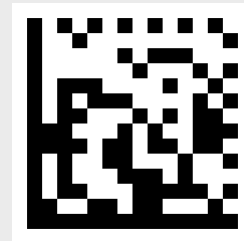


오픈코드 93

7.5 EAN-8 활성화/비활성화

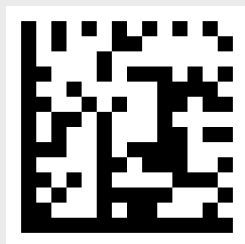


EAN-8 비활성화



기본값: EAN-8 활성화

7.6 EAN-13 활성화/비활성화

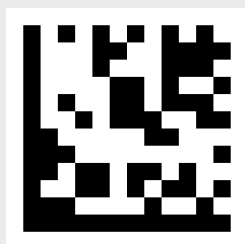


EAN-13 비활성화

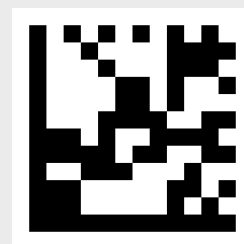


기본값: EAN-13 활성화

7.7 ITF25 활성화/비활성화

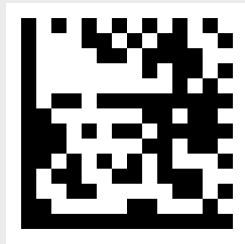


기본값: 비활성화됨 ITF25

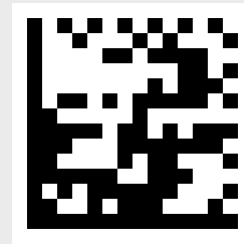


ITF25 활성화

7.8 UPC-A 활성화/비활성화

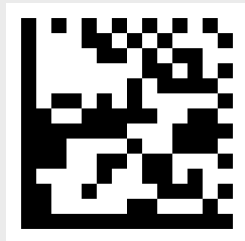


UPC-A 비활성화

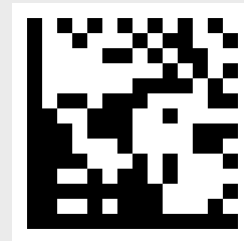


기본값: UPC-A 활성화

7.9 UPC-E 활성화/비활성화

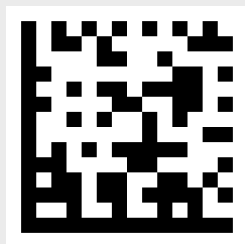


UPC-E 비활성화

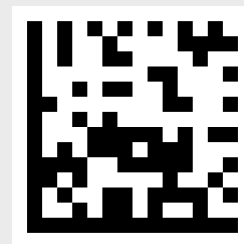


기본값: UPC-E 활성화

7.10 Codabar 활성화/비활성화

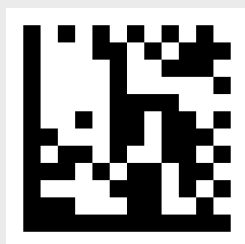


기본값: Codabar 가비활성화되어있습니다.

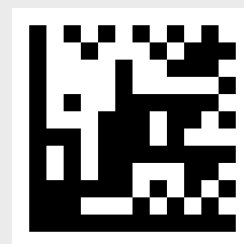


Codabar 활성화

7.11 QR Code 활성화/비활성화

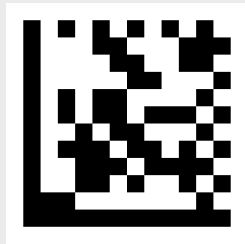


QR Code 비활성화

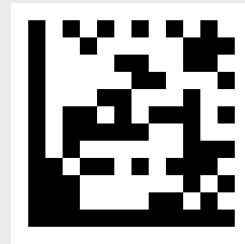


기본값: QR Code 활성화

7.12 Data Matrix 활성화/비활성화

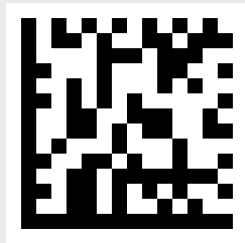


Data Matrix 비활성화

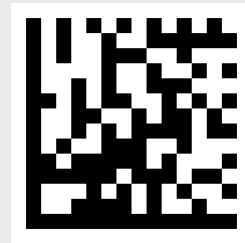


기본값: Data Matrix 활성화

7.13 마이크로 QR 활성화/비활성화

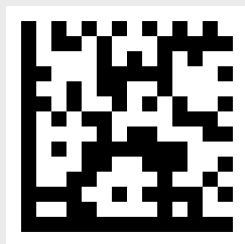


기본값: 마이크로 QR 비활성화됨

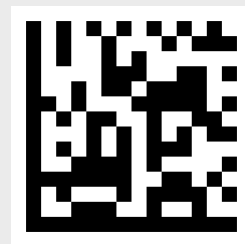


마이크로 QR 활성화

7.14 아즈텍코드활성화/비활성화

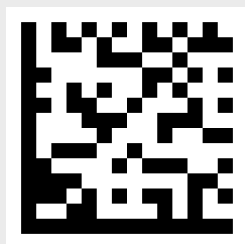


기본값: Aztec 코드비활성화됨

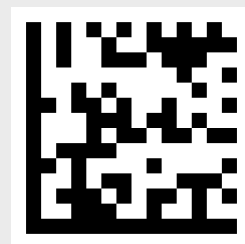


아즈텍코드활성화

7.15 MaxiCode 활성화/비활성화

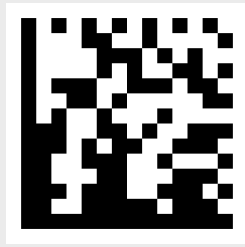


기본값: MaxiCode 비활성화

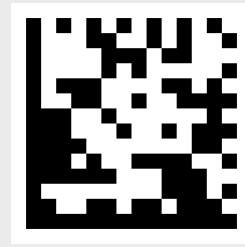


MaxiCode 열기

7.16 바코드수량

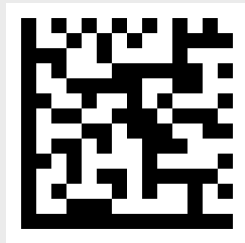


기본값: 1

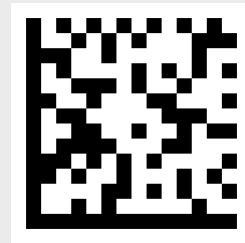


2

7.17 1 차원코드알고리즘작동모드



일반모드

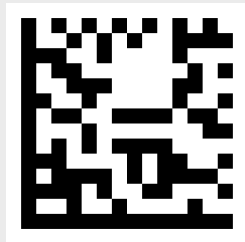


기본값: 전문가모드

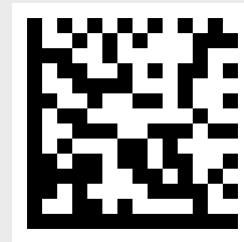


익스트림스피드모드

7.18 QR 코드알고리즘작동모드



기본값: 전문가모드



일반모드



익스트림스피드모드

참고

장면이상대적으로단순하고시간이많이걸리는경우극한속도모드를선택할수있습니다.

8 총수

8.1 ASCII 컴퓨터

16 진수	십진수	성격
00	0	NUL
01	1	SOH
02	2	STX
03	3	ETX
04	4	EOT
05	5	ENQ
06	6	ACK
07	7	BEL
08	8	BS
09	9	HT
0a	10	LF/NL
0b	11	VT
0c	12	FF/NP
0d	13	CR
0e	14	SO
0f	15	SI

다음페이지에계속

표 1 - 이전페이지에서계속

16 진수	십진수	성격
10	16	DLE
11	17	DC1/XON
12	18	DC2
13	19	DC3/XOFF
14	20	DC4
15	21	NAK
16	22	SYN
17	23	ETB
18	24	CAN
19	25	EM
1a	26	SUB
1b	27	ESC
1c	28	FS
1d	29	GS
1e	30	RS
1f	31	US
20	32	(공간)
21	33	!
22	34	“
23	35	#
24	36	\$
25	37	%
26	38	&
27	39	‘
28	40	(
29	41	)
2a	42	*
2b	43	+
2c	44	,
2d	45	-
2e	46	.
2f	47	/
30	48	0
31	49	1
32	50	2
33	51	3
34	52	4
35	53	5
36	54	6
37	55	7
38	56	8
39	57	9
3a	58	:
3b	59	;
3c	60	<
3d	61	=
3e	62	>
3f	63	?

다음페이지에계속

표 1 - 이전페이지에서계속

16 진수	십진수	성격
40	64	@
41	65	A
42	66	B
43	67	C
44	68	D
45	69	E
46	70	F
47	71	G
48	72	H
49	73	I
4a	74	J
4b	75	K
4c	76	L
4d	77	M
4e	78	N
4f	79	O
50	80	P
51	81	Q
52	82	R
53	83	S
54	84	T
55	85	U
56	86	V
57	87	W
58	88	X
59	89	Y
5a	90	Z
5b	91	[
5c	92	\
5d	93	]
5e	94	^
5f	95	_
60	96	`
61	97	a
62	98	b
63	99	c
64	100	d
65	101	e
66	102	f
67	103	g
68	104	h
69	105	i
6a	106	j
6b	107	k
6c	108	l
6d	109	m
6e	110	n
6f	111	o

다음페이지에계속

표 1 - 이전페이지에서계속

16 진수	십진수	성격
70	112	p
71	113	q
72	114	r
73	115	s
74	116	t
75	117	u
76	118	v
77	119	w
78	120	x
79	121	y
7a	122	z
7b	123	{
7c	124	
7d	125	}
7e	126	~
7f	127	DEL